

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

|                              |   |                       |
|------------------------------|---|-----------------------|
| In re application of         | ) | Examiner: R. PUNNOOSE |
| M. VAN BEEK et al.           | ) |                       |
|                              | ) | Art Unit: 2886        |
| Serial No.: 10/596,564       | ) |                       |
|                              | ) | Confirmation: 7916    |
| Filed: June 16, 2006         | ) |                       |
|                              | ) |                       |
| For: <b>OPTICAL ANALYSIS</b> | ) |                       |
| <b>SYSTEM USING</b>          | ) |                       |
| <b>MULTIVARIATE</b>          | ) |                       |
| <b>OPTICAL ELEMENTS</b>      | ) |                       |
|                              | ) |                       |
| Date of Last Office Action:  | ) |                       |
| May 27, 2009                 | ) |                       |
|                              | ) |                       |
| Attorney Docket No.:         | ) | Cleveland, OH 44114   |
| PHDE040153US / PKRZ 2 01490  | ) | August 25, 2009       |

**AMENDMENT B**

Commissioner For Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

This paper is responsive to the non-Final Office Action of  
May 27, 2009.

Amendments to the specification begin on page 2.

Amendments to the claims are reflected in the listing of claims which  
begins on page 3.

Remarks begin on page 7.

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CERTIFICATE OF ELECTRONIC TRANSMISSION

I certify that this **AMENDMENT B** and accompanying documents in connection with U.S. Serial No. 10/596,564 are being filed on the date indicated below by electronic transmission with the United States Patent and Trademark Office via the electronic filing system (EFS-Web).

August 25, 2009  
Date

Patricia A Heim  
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